

## Product Backlog

Id	Heading	As a..	I want to ..	so that ..	Acceptance Criteria	Priority	Sprint No	Estimate (Hours)	Remarks
RGA01	Register	Candidate, Human resource, Guest	Create my account.	I can use that account to log into the system.	<ul style="list-style-type: none"> <li>- The Candidate wants to create an account when the user enters an email, the password, the Full Name, the Re-password to the [user] field [email] field, the [password] field, [Fullname], and [Re-password] field then tap the [Signup] button.</li> <li>- Candidate can sign up for an account when the patient enters the correct email and password.</li> <li>- Creates a failed or successful message when processing.</li> <li>- Show error messages when information is invalid.</li> </ul>	Medium	4	4	
RGA02	Login	Candidate, Human Resource, Admin, Guest	Login to the web by my account	I can use the web with my role	<ul style="list-style-type: none"> <li>- Admin can log into the web when admin inputs correctly email(or username) value, and password value and tick the [Save Password] if admin wants to save password then tap the [Login] button.</li> <li>- Generate failure or success messages when processing.</li> <li>- Show the error messages when the value is invalid.</li> <li>- The username input should allow only alphanumeric characters, with a maximum length of 50 characters and a minimum length of 3 characters.</li> <li>- The password should have a minimum length of 8 characters, containing at least one uppercase letter, one number, and one special character.</li> <li>- When the login button is clicked, the system should process the login.</li> <li>- The email/username field should support a maximum of 100 characters for email addresses or usernames.</li> <li>- The password field should support a maximum of 50 characters.</li> </ul>	Medium	4	8	
RGA03	Logout	Candidate, Human Resource, Admin	Logout from the web	I can stop using the system.	<ul style="list-style-type: none"> <li>- Candidate can log out of the web when the Candidate clicks on the [Logout] button.</li> <li>- Create an exit or cancel message after clicking the logout button.</li> </ul>	Low	4	2	
RGA04	Change Password	Candidate, Human resource	Change the password for my account	I can change the password	<ul style="list-style-type: none"> <li>-Candidate must log in to their account first. Press the login button after entering your account and password</li> <li>- Candidate chooses to change password</li> <li>- Candidate enters old password</li> <li>- Candidate enters a new password</li> <li>- Click [change password]</li> <li>- Generate failure or success messages when processing.</li> <li>- Show the error messages when the value is invalid.</li> </ul>	Low	4	4	
RGA05	Edit Profile	Candidate, Human resource	Update information for my account	I can change the information at my profile.	<ul style="list-style-type: none"> <li>-Candidate must log in to their account first. Press the [login] button after entering your account and password</li> <li>- Candidate select [profile]</li> <li>- Enter the information that needs to be changed [full name] [phone number] [address],..</li> <li>- Generate failure or success messages when processing.</li> <li>- Show the error messages when the value is invalid</li> </ul>	Medium	4	8	

RGA06	Create and manage Resume	Candidate	Create, edit, and delete my resume	I can manage my resume for job applications.	<ul style="list-style-type: none"> <li>-The candidate can create a new resume by filling in personal information, education, skills, and experience.</li> <li>-The candidate can create a new resume by filling in personal information, education, skills, and experience.</li> <li>-The candidate can delete a resume if it's no longer needed.</li> <li>-The system will confirm any deletion of a resume before proceeding.</li> <li>-A notification will be sent after a resume is successfully created, edited, or deleted.</li> <li>-The system shall save changes to resumes and reflect updates in the candidate's profile.</li> </ul>	High	1	28	
RGA07	Upgrade Resume	Candidate, Guest	Upgrade my resume	I can improve my chances of getting a job.	<ul style="list-style-type: none"> <li>-Candidates can upload their CV in PDF format to upgrade.</li> <li>-The candidate can upgrade their resume by adding new sections such as certifications, achievements, or project experience.</li> <li>-The candidate can see suggestions or guidelines for upgrading their resume.</li> <li>-The system highlights areas for potential improvement based on job trends or relevant skills.</li> <li>-A preview of the upgraded resume is available before submission.</li> <li>-The candidate receives a notification after successfully upgrading their resume.</li> <li>- The system shall save the upgraded resume and notify the candidate of the changes</li> </ul>	High	1	14	
RGA08	Find jobs	Candidate	Search for jobs	I can connect with the right opportunities.	<ul style="list-style-type: none"> <li>-The candidate can use search filters (e.g., location, industry, job type) to find jobs that match their preferences.</li> <li>-The candidate can save and apply for jobs directly from the search results.</li> <li>-The system suggests relevant jobs based on the candidate's resume and search history.</li> <li>-A notification is sent to the candidate when new job postings match their profile or saved searches.</li> <li>-The candidate can bookmark or save jobs for later review.</li> </ul>	High	2	18	
RGA09	Manage Company	Admin	To manage company profiles by creating, updating, viewing, or deleting them.	I can select a service to see more detailed information.	<ul style="list-style-type: none"> <li>- Admin can access a form to create a new company profile.</li> <li>- Admin can fill in required details such as company name, address, and contact information.</li> <li>- After submission, the new company profile is created and saved in the system.</li> <li>- A success message is shown confirming the new profile has been added.</li> <li>- Admin can select an existing company profile from the list to view or edit.</li> <li>- Admin can modify company details (e.g., name, address, contact info).</li> <li>- After saving changes, the updated profile is immediately reflected in the system.</li> <li>- A confirmation message is displayed after successful edits.</li> <li>- Admin can select a company profile to delete from the list.</li> <li>- A confirmation prompt appears before final deletion.</li> </ul>	Medium	2	10	

RGA10	Manage Job Description	Human Resource	Manage existing job descriptions	I can update, edit, or delete job postings.	<ul style="list-style-type: none"> <li>- Admin can access a form to create a new job description.</li> <li>- Admin can fill in the required details.</li> <li>- After submission, the new job description is created and saved in the system.</li> <li>- A success message confirms that the job description has been added.</li> <li>- Admin can access and view a list of all job descriptions in the system.</li> <li>- Each job description displays basic information such as job title and date of creation.</li> <li>- Admin can search and filter the list to quickly find specific job descriptions.</li> <li>- Admin can select an existing job description from the list to view or edit.</li> <li>- Admin can modify job details such as title, responsibilities, and qualifications.</li> <li>- After saving changes, the updated job description is immediately reflected in the system.</li> <li>- A confirmation message is shown after successful updates.</li> <li>- Admin can select a job description to delete from the list.</li> <li>- A confirmation prompt appears to confirm the deletion before proceeding.</li> <li>- Once confirmed, the job description is permanently deleted from the system.</li> <li>- A success message confirms that the job description has been deleted.</li> <li>- Admin can manage who has access to view or modify job descriptions.</li> <li>- Only authorized users (based on their roles) can create, update, or delete job descriptions.</li> <li>- Admin can check and verify which users have permission to access each job description.</li> <li>- Unauthorized users will be restricted from accessing or editing job descriptions.</li> </ul>	Medium	2	10	
RGA11	Job Proposal	Human Resource	Propose jobs to candidates	I can match the right jobs with the best candidates.	<ul style="list-style-type: none"> <li>- The system shall provide a mechanism for human resources to propose jobs to candidates.</li> <li>- The system shall match job proposals to candidates based on their profiles, skills, and preferences.</li> <li>- Candidates shall be notified of job proposals via email and/or in-app notification.</li> <li>- The system shall track candidate responses to job proposals.</li> </ul>	Low	2	15	
RGA12	Manage Role & Permission	Admin	Manage access and permissions for users	I can ensure the correct roles and privileges are assigned.	<ul style="list-style-type: none"> <li>- The admin can view a list of all users in the system.</li> <li>- The admin can assign roles (e.g., user, manager, admin) to each user.</li> <li>- The admin can update or revoke permissions for any user.</li> <li>- The system will notify the admin upon successfully updating roles or permissions.</li> <li>- Roles and permissions must restrict or allow access to certain areas of the application as defined by the role.</li> <li>- The admin can filter users by role for easier management.</li> </ul>	High	3	14	

RGA13	Candidate Evaluation System	Human Resource	Evaluate candidates based on their resumes	I can assess candidates' suitability for job positions.	<ul style="list-style-type: none"> <li>- When the HR navigates to the candidate management page and selects a candidate</li> <li>- Then the HR should see the candidate's resume details</li> <li>- Given that HR is viewing a candidate's resume.</li> <li>- When the HR rates the candidate on various criteria (e.g., experience, skills, education).</li> <li>- Then HR should be able to submit the ratings.</li> <li>- And the system saves the ratings and updates the candidate's evaluation status.</li> <li>- Given that HR has evaluated multiple candidates.</li> <li>- When the HR wants to generate an evaluation report</li> <li>- Then the system should compile all evaluations into a report.</li> <li>- The HR can download or view the report within the system.</li> </ul>	Medium	3	12	
RGA14	Check spelling and grammar errors	Check spelling and grammar errors	Candidate, Human Resource	Check for spelling and grammar errors in the text	<ul style="list-style-type: none"> <li>-The system provides a spelling and grammar checker that automatically highlights errors in the resume.</li> <li>-The candidate can view suggestions for correcting spelling and grammar mistakes.</li> <li>-The candidate can accept or ignore the suggested corrections.</li> <li>-A final review of the resume is provided, summarizing any unresolved errors.</li> <li>-The system will notify the candidate when the checking process is completed.</li> </ul>	High	2	8	
RGA15	Export resume	Candidate	Export my resume	I can export my resume	<ul style="list-style-type: none"> <li>-The candidate can format PDF.</li> <li>-The system will ensure the formatting is preserved correctly across all export types.</li> <li>-The candidate can download or send the exported resume directly to their email.</li> <li>- A preview of the resume in the selected format is available before exporting.</li> <li>- The candidate will receive a notification once the resume has been successfully exported.</li> </ul>	Medium	1	2	
RGA16	Share to the social platform	Candidate, Human Resource	Candidate, Human Resource	I can reach a broader audience for job opportunities.	<ul style="list-style-type: none"> <li>-The candidate can share their resume directly to supported social media platforms (e.g., LinkedIn, Twitter) from the system.</li> <li>- The system generates a shareable link or preview for posting on social platforms.</li> <li>-The candidate can customize the message that accompanies the shared resume.</li> <li>-The system ensures privacy settings are respected when sharing the resume.</li> <li>-A confirmation is sent after successfully posting the resume on social media platforms.</li> </ul>	Low	2	22	

RGA17	Manage user accounts	Admin	Manage user accounts and profiles	I can keep the system secure and up to date.	<p>Admin enters the ID of the offending account and deletes the account when clicking the [Delete account] button.</p> <ul style="list-style-type: none"> <li>- Create a successful account deletion notification when the deletion is valid.</li> <li>- Displays an error message when the delete information is invalid</li> <li>- The admin enters the account ID and updates the account when clicking the [Update account] button.</li> <li>- Create a successful account update notification when the update is valid.</li> <li>- Displays an error message when the update information is invalid.</li> <li>- Admin click [Add Account] then enter the account's information and create the account when clicking [Submit].</li> <li>- Create a successful account add notification when the add is valid.</li> <li>- Displays an error message when the add information is invalid.</li> <li>- Admin enters the name of the account and checks the account when clicking the [Search] Icon.</li> </ul>	High	3	12	
RGA18	Select Resume Templates	Candidate	Have a variety of resume templates to choose	I can select the one that best fits my needs and preferences, and create a professional and impressive resume.	<p>Candidates can preview resume templates to evaluate design and formatting.</p> <p>Candidate can easily select and apply resume templates that suit their personal requirements.</p> <p>The system shall save the resume with the selected template and notify the candidate of the changes.</p> <p>The system shall provide a variety of resume templates for candidates to choose from.</p>	High	1	32	
RGA19	HomePage	Candidate, Human Resource, Guest	See a clean, user-friendly homepage with personalized job and candidate recommendations, easy access to search and filtering options, and quick links to relevant features (e.g., dashboard, profile updates, and application status).	As a candidate, I can easily find suitable job opportunities, track my applications, and update my profile; or as a Human Resource user, I can efficiently manage job postings, track applicants, and review profiles for quick decision-making	<p>The homepage should display recommended job listings tailored to my profile.</p> <p>There should be a search bar with filters (e.g., job title, location, company)..</p> <p>I can easily view and access my profile and application statuses from the homepage.</p> <p>The layout should be clean, professional, and mobile-friendly for easy access on different devices.</p>	High	2	4	
RGA20	Detecting Validity of a Field (AI model)	Developer	Automatically detect and correct inaccuracies in data fields	I can ensure the integrity and accuracy of user-entered data.	<p>The system should automatically identify and flag any invalid or inaccurate data fields entered by the user based on predefined rules or AI model analysis (e.g., incorrect format, out-of-range values, inconsistent data).</p> <ul style="list-style-type: none"> <li>- The system should validate the field data in real-time as it is entered by the user, providing immediate feedback on errors or potential issues.</li> <li>- If the system makes an automatic correction or detects a field with potential issues, the user (or admin) should receive a notification detailing the change or flag for review.</li> <li>- All actions performed by the system, such as detecting inaccuracies or correcting data, should be logged with details such as the original input, detected issue, correction made, and timestamp.</li> </ul>	High	2	18	

RGA21	Generate Summary from CV Data	Candidate	Automatically generate a summary in a resume based on basic information.	I can have a well-crafted and professional summary that highlights my key skills, experience, and career goals without needing to write it manually.	<p>The system generates a professional summary by extracting and synthesizing key skills, experience, and career goals from my existing CV data.</p> <p>I can review and edit the generated summary to personalize or fine-tune it before finalizing it in my resume.</p> <p>The generated summary uses clear, professional language that is suitable for a resume, presenting my strengths and goals effectively.</p> <p>The summary is tailored to highlight skills and experience relevant to the job roles I am interested in, making my resume more targeted.</p> <p>If any essential information for creating the summary is missing, the system prompts me to complete these sections to improve the summary's quality.</p>	High	2	5	
RGA22	Admin Dashboard	Admin	Have an admin dashboard,	I can manage and monitor user activities, oversee the creation of resumes, and manage site content efficiently.	<p>The Admin can view a list of all users (Candidates, Guests, etc.) with their activity history.</p> <ul style="list-style-type: none"> <li>- The Admin can view detailed information about each user, including name, email, roles, activity logs, and status.</li> <li>- The Admin can suspend or deactivate a user account temporarily or permanently.</li> </ul> <p>The Admin can filter and search users based on different criteria such as registration status (approved, pending, or rejected), role, and activity levels.</p> <ul style="list-style-type: none"> <li>- The Admin can view an overview of the platform's key statistics (e.g., number of active users, number of resumes created, pending actions, recent activity logs).</li> <li>- The Admin can see a summary of user activity and resume creation status in real-time.</li> </ul>	Low	3	8	
RGA23	Manage Resume	Admin	To be able to manage the resumes created by users.	I can review, approve, reject, or delete resumes as needed to ensure high-quality content on the platform.	<p>The Admin can view a list of all pending HR registration requests.</p> <ul style="list-style-type: none"> <li>- The Admin can view detailed information about each registration, including name, email, job-related details, and registration status.</li> <li>- The Admin can approve or reject each registration request.</li> <li>- If the Admin approves the request, the Candidate or Guest receives an HR account and is notified via email.</li> <li>- If the Admin rejects the request, the Candidate or Guest is notified with a reason for the rejection.</li> <li>- The Admin can filter or sort registration requests based on status (approved, rejected, pending).</li> <li>- The Admin has the ability to edit or update registration details if necessary.</li> </ul>	Medium	3	6	
RGA24	Change Template Theme Color	Candidate	To change the theme color of a selected resume template	I can customize my resume's appearance and make it more aligned with my personal style or branding.	<p>The candidate should be able to select and change The theme color of their selected resume template.</p> <ul style="list-style-type: none"> <li>- The system should provide a predefined set of theme colors, including neutral tones, professional colors, and bold options, allowing candidates to choose from a variety of color schemes.</li> <li>- when a candidate selects a new theme color, a real-time preview should be displayed so they can see how The color affects The appearance of their resume before confirming The change.</li> <li>- The candidate should have The ability to undo or reset The theme color to The default template color or The previously selected color at any time.</li> </ul>	Low	3	8	

RGA25	Notification for Job Application	Human resource	To receive a notification immediately when a candidate applies for a job with their resume	I can quickly review applications and respond to candidates in a timely manner.	<p>The system should send an immediate notification (via email, SMS, or internal messaging) to the Human Resource team when a candidate submits an application for a job, including their resume and relevant details.</p> <ul style="list-style-type: none"> <li>- The notification should be sent immediately after the candidate submits their application, without any significant delays.</li> <li>- Each notification should include a clear call to action, such as "View Application" or "Review Resume," to allow HR to act quickly and efficiently on new submissions.</li> <li>- If the notification fails to send due to technical issues, the system should retry the notification process and G30</li> </ul>	Medium	3	6	
RGA26	Predict of a Field (AI model)	Developer	Automatically predict the value of a particular field.	I can predict and return the correct value of a field when it is false.	<p>When a field is identified as missing or false, the system should automatically attempt to predict the correct value.</p> <ul style="list-style-type: none"> <li>- The predicted value must be calculated using the AI model with a predefined accuracy threshold. If the model cannot meet this threshold, the field remains unfilled or flagged for review.</li> <li>- When the system predicts the value of the field, the user (developer or administrator) is notified of the prediction result through a notification or log.</li> <li>- The predicted value can be validated manually by an administrator if needed. There should be a way to review and approve or reject the predicted value.</li> </ul>	High	2	18	
RGA27	HR Registration	Candidate, Guest, Admin	<p>Read the terms and conditions and register to become an HR.</p> <p>Manage and review the registration requests from Candidates and Guests</p>	<p>I can receive an HR account via email and access HR features.</p> <p>I can approve or reject them based on the provided information and eligibility.</p>	<p>The Candidate or Guest can read the terms and conditions before proceeding with registration.</p> <p>The Candidate or Guest can provide necessary information such as name, email, and job-related details to register as an HR.</p> <p>The system validates the entered information and notifies the Candidate or Guest about the registration status.</p> <p>Once the registration is successfully completed, the Candidate or Guest receives an HR account via email.</p> <p>The Candidate or Guest can track the status of their registration (pending, approved, rejected) in their profile.</p> <p>The Candidate or Guest can reapply or update their registration details if necessary.</p>	High	4	16	
RGA28	Resume Improvement Suggestions	Candidate	I want to receive suggestions and tips for improving my resume.	I can create a more professional and appealing resume to increase my chances of getting hired.	<p>The Candidate can access a page with tips for improving their resume, such as formatting, language, and content.</p> <p>The Candidate can see links to helpful resources, such as videos or articles, on creating a strong resume.</p> <p>The system provides tailored suggestions based on the Candidate's current resume content and job trends.</p> <p>The Candidate can choose to implement suggested improvements directly on their resume.</p> <p>The Candidate can preview their updated resume before finalizing it.</p> <p>The Candidate receives a notification after successfully applying the suggested improvements</p>	Medium	4	8	